

**Appendices Table of Contents**

Appendix RA – Certification of Alternative Calculation Method.....	RA-1
RA.1 Space Conditioning Tests (SC) .....	RA-2
RA.2 Standard Design Tests (SD) .....	RA-11
RA.3 Additions and Alterations Tests .....	RA-14
RA.4 Water Heating Tests.....	RA-16
RA.5 Water Heating Neutral Variable Tests (WD) .....	RA-21
RA.6 Optional Capabilities Tests (OC) .....	RA-22
RA.7 Solar Systems Tests (SS).....	RA-27
Appendix RB – Interior Mass Capacity .....	RB-1
RB.1 Scope and Purpose.....	RB-1
RB.2 Calculating Interior Mass Capacity (IMC) .....	RB-1
RB.3 IMC Threshold for a High Mass Building .....	RB-1
RB.4 Table Notes .....	RB-5
Appendix RC – Procedures for Field Verification and Diagnostic Testing of Air Distribution Systems.....	RC-1
RC.1 Purpose and Scope .....	RC-1
RC.2 Instrumentation Specifications .....	RC-1
RC.3 Apparatus .....	RC-2
RC.4 Procedures .....	RC-2
Appendix RD – Procedures for Determining Refrigerant Charge for Split System Space Cooling Systems without Thermostatic Expansion Valves .....	RD-1
RD.1 Purpose and Scope.....	RD-1
RD.2 Standard Charge Measurement Procedure .....	RD-1
RD.3 Alternate Charge Measurement Procedure .....	RD-5
Appendix RE – Field Verification and Diagnostic Testing of Forced Air System Fan Flow and Air Handler Fan Watt Draw .....	RE-1
RE.1 Purpose and Scope .....	RE-1
RE.2 Instrumentation Specifications .....	RE-1
RE.3 Apparatus .....	RE-2
RE.4 Procedure.....	RE-2
Appendix RF – HVAC Sizing .....	RF-1
RF.1 Purpose and Scope .....	RF-1
RF.2 Procedure for Calculating Design Cooling Capacity .....	RF-1
RF.3 Procedure for Calculating Maximum Cooling Capacity for ACM Credit .....	RF-3
RF.4 Procedure for Determining Electrical Input Exception for Maximum Cooling Capacity for ACM Credit .....	RF-3
Appendix RG – Water Heating Calculation Method0 .....	RG-1
RG.1 Purpose and Scope .....	RG-1
RG.2 Water Heating Systems.....	RG-2
RG.3 Hourly Adjusted Recovery Load .....	RG-2
RG.4 Energy Use of Individual Water Heaters .....	RG-14
RG.5 Electricity Use for Circulation Pumping.....	RG-19
Appendix RH – High Quality Insulation Installation Procedures .....	RH-1
RH.1. Purpose and Scope.....	RH-1
RH.2 Terminology.....	RH-1
RH.3 Raised Floors and Floors Over Garages .....	RH-2
RH.4. Wall Insulation .....	RH-2
RH.5 Ceiling and Roof Insulation .....	RH-4
RH.6 Materials .....	RH-6
RH.7 Equipment .....	RH-6
RH.8 R-Value and U-Value Specifications .....	RH-6

RH.9. Certificates .....	RH-6
RH.10 Certificate Availability .....	RH-6
CF-6R & CF-4R Insulation Installation Quality Certificate .....	RH-7
Appendix RI – Procedures for Verifying the Presence of a Thermostatic Expansion Valve or High Energy Efficiency Ratio Equipment .....	RI-1
RI.1 Purpose and Scope .....	RI-1
RI.2 TXV Verification Procedure .....	RI-1
RI.3 Time Delay Relay Verification Procedure .....	RI-1
RI.4 Matched Equipment Procedure .....	RI-2